JULY, 1927

#### BULLETIN OF

# THE JUNIOR COLLEGE OF AUGUSTA

AUGUSTA, GA.



ANNOUNCEMENTS
1927-1928

BULLETIN No. 2



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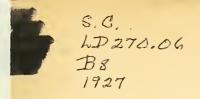
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AUGUSTA, GA.



ANNOUNCEMENTS

1927-1928

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#### JUNIOR COLLEGE CALENDAR, SESSION 1927-1928

#### 1927

September 12	Registration Begins
September 13-16	Entrance Examinations
September 19	First Semester Begins
November 18	Reports Sent Out
November 24-25	Thanksgiving Holidays
December 16	Christmas Holidays Begin

#### 1928

January 2nd	College Work Resumed
January 19—Lee's Birthday	Half Holiday
January 23	Examinations Begin
February 1	Registration New Students
February 6	Second Semester Begins
February 10	Reports Sent Out
February 22—Washington's Birthday	Half Holiday
April 6	Reports Sent Out
April 26	Memorial Day
May 28	Examinations Begin
June 10	Commencement Sermon
June 15	Commencement Day
June 18	Reports Sent Out

#### OFFICERS OF THE COUNTY BOARD OF EDUCATION, 1926-1927

C. T. Pund, President.
D. S. Anderson, Vice-President.
LAWTON B. EVANS, Secretary and (ex-officio) Superintendent.
THOMAS H. SHERMAN, Assistant to Superintendent.

## JUNIOR COLLEGE COMMITTEE, 1926-1927, OF THE COUNTY BOARD OF EDUCATION

DR. A. DWIGHT DEAS, Chairman

Mrs. B. E. Lester

Mrs. Peter B. Wright

FERDINAND PHINIZY P. H. RICKER

## OFFICERS OF ADMINISTRATION, THE JUNIOR COLLEGE OF AUGUSTA, 1927-1928

LAWTON B. EVANS, A.M., PED.D., Supt. of Schools. GEORGE P. BUTLER, B.E., LL.D., President.
J. L. SKINNER, B.S., E.E., Dean.
JULIA A. FLISCH, A.M., Adviser of Women.
MAJOR A. G. GOODWYN, Commandant.
MRS. J. E. EUBANKS, Secretary.

#### THE FACULTY, 1927-1928

#### GEORGE PHINEAS BUTLER, B.E., LL.D. - - - - - - President

Honor Graduate, Academy of Richmond County, 1891; Honor Graduate University of Georgia, B.E., 1894; Graduate Student and Fellow in Mathematics, University of Georgia, 1894-1895; Assistant Principal Athens High School, Athens, Ga., 1894-1895; Graduate Student University of North Carolina and Instructor in Mathematics, 1895-1898; Elected Associate Professor of Mathematics University of North Carolina, 1898; Instructor in Mathematics and Physics, also Commandant, Academy of Richmond County, 1898-1910; Principal, Academy of Richmond County, 1910-1926; President of The Academy of Richmond County and The Junior College of Augusta, 1926; Honorary Degree Doctor of Laws granted by the University of Georgia June, 1926.

#### JAMES LISTER SKINNER, B.S., E.E., DEAN - - - - Mathematics

B.S., Alabama Polytechnic Institute, 1908; E.E., Alabama Polytechnic Institute, 1909. Assistant in Electrical Laboratory, Alabama Polytechnic Institute, 1908-1909; Instructor in Mathematics and Electrical Engineering, Alabama Polytechnic Institute, 1909-1910; Instructor in Mathematics and Physics, Alabama Polytechnic Institute, 1910-1911. Superintendent, Electric Light, Water and Gas Plants, Eufaula, Ala., 1911-1915; Mathematics and Physics, Academy of Richmond County, 1915-1926; Assistant Principal, Academy of Richmond County, 1924-1926; Dean, Academy of Richmond County, and The Junior College of Augusta, 1926.

#### JULIA A. FLISCH, A.M., Adviser of Women - - History and Education

Graduate of Lucy Cobb Institute; A.M. (Honorary) University of Georgia, 1899; Graduate student, Harvard University, one summer session; University of Chicago, three summer sessions; A.M. University of Wisconsin, 1908. Teacher, Georgia Normal and Industrial College, 1893-1905; Executive Clerk, Extension Division, University of Wisconsin, 1905-1907; Secretary, Economics Department, University of Wisconsin, 1907-1908; Teacher, Tubman High School, 1908-1926; Teacher, University of Georgia Summer Session, 1905, 1912, 1913, 1923; The Junior College of Augusta, 1926.

#### JUSTIN A. H. BEGUE, B.S., B.A. - - French and Spanish B.S., B.A., Paris University, 1907. Instructor in Mathematics and Modern Languages, Cairo (Egypt) College; Modern Languages, College of Quimper (France), 1913-1914; Modern Languages, College Leconte de Lisle, 1917-1920; Senior High School, Mahanoy City, Pa., 1921-1923 Academy of Richmond County, 1923-1926; The Junior College of Augusta, 1926. KATHARINE P. BOGGS, B.S. - - -B.S., Columbia University, 1920. Director Training School for Teachers, Augusta, Georgia; Instructor in University of Tennessee Summer School, 1921, 1922, 1923; The Junior College of Augusta, 1926. CHARLES GUY CORDLE, A.B., A.M. - - - - History and German A.B., Trinity College (Duke University), 1914; A.M., Trinity College, 1915; Summer School, Columbia University, 1917. Student Assistant in Latin, Trinity College, 1913-1915; Graduate Assistant in German, Trinity College, 1914-1915; Instructor, Baird's School for Boys, 1915-1916; Instructor, Academy of Richmond County, 1916-1926; Head of History Department, Academy of Richmond County, 1922-1926; The Junior College of Augusta, 1926. JOHN MARSHALL ELLIS, A.B., M.S. - - -A.B., Emory University, 1924; M.S., Emory University, 1926; Graduate Fellow in Biology, Emory University, 1924-1926; Professor of Biology, Southern College, Lakeland, Florida, 1924-1926 (Partial Sessions); The Junior College of Augusta, 1926. JOHN EVANS EUBANKS, A.B., A.M. - - - - -A.B., Wofford College, 1916; A.M., Wofford College, 1916; Graduate student, Columbia University; Instructor, Textile Industrial Institute, Spartanburg, S. C., 1915; Instructor, Academic High School, Columbus, Ga., 1916-1917; Academy of Richmond County, 1919-1926; The Junior College of Augusta, 1926. ALBERT G. GOODWYN, Major, U. S. A., Retired Military

P.M.S.&T. and Commandant, University of Minnesota, 1919-1920; P.M.S.&T. and Commandant, The Citadel, Charleston, South Carolina, 1921-1926; P.M.S.&T., Academy of Richmond County, and The Junior College of Augusta, 1926.

#### ERIC WEST HARDY, A.B., A.M. - - - - - - - Economics

A.B., Furman University, 1908; A.M., University of Chicago, 1911; Graduate Student, University of Chicago, 1908-1909; Instructor in History and Economics, Ouachita College, 1909-1910; Graduate Student, University of Chicago, 1910-1911; Headmaster, Fork Union Military Academy, 1911-1914; Dean, Bessie Tift College, 1914-1915; Instructor in History and Sociology, Tennessee College for Women, 1915-1918; Academy of Richmond County, 1920-1926; The Junior College of Augusta, 1926.

#### SERGEANT JOHN A. LEIPOLD, D.E.M.L. - -- - - Military

Instructor at Junior R.O.T.C. Infantry Units at Hume-Fogg High School, Nashville, Tennessee, five and one-half years; Central High School, Memphis, Tennessee, one year. Twelve years service in Regular Army. Service in Panama and Porto Rico. Second Lieutenant C.A.C. Reserve (Anti-Aircraft).

#### ANTON PAUL MARKERT, B.S. in C.E. - - Mathematics and Drawing

B.S. in C.E., Georgia School of Technology, 1921; Graduate Student, University of Chicago, summer 1925; Graduate Student, Columbia University, summer of 1926 and 1927. Instructor, Academy of Richmond County, 1921-1926; The Junior College of Augusta, 1926.

#### JUNE NICHOLSON RAINSFORD, A.B. - - - - - Librarian

College for Women, Columbia, S. C., A.B., 1915; Certificate from Library School, Columbia University, N. Y., 1918; New York Public Library, summer 1918; East Orange Public Library 1919; Teacher, Public Schools, Edgefield, S. C., 1920-1921; Catalogue Department, Library Columbia University, 1921-1922; Assistant Librarian, Winthrop College, 1922-1923; Assistant Librarian Hollins College, 1924-1925; Assistant Librarian, United States Government Hospital, Oteen, N. C., summer and fall, 1925; Librarian, Academy of Richmond County and The Junior College of Augusta, 1926.

#### HENRY OSGOOD READ, Ph.B., A.M. - - - - - English

Ph.B., Emory University, 1916; A.M., Emory University, 1918; A.M., Columbia University, 1925; Special Diploma, "Supervisor of English," Columbia University, 1925. Fellow in English, Emory University, 1916-1917; Head of English, Emory University Academy, 1917-1918; Principal Dawson (Georgia) High School, 1919-21; Superintendent, Dawson Public Schools, 1921-1922; Head of English Department, Academy of Richmond County, 1922-1926; Head of Department of English, The Junior College of Augusta, 1926.

#### CHESTER A. SCRUGGS, A.B. - - - - - - - Chemistry

A.B., Mercer University, 1911; Graduate Student, University of Chicago, Summer Quarters, 1925 and 1926; Principal, Marshallville High School, 1911-1913; Principal Round Oak High School, 1913-1916; Principal, Ashburn High School, 1916-1917; Instructor Academy of Richmond County, 1917-1926; Director, Summer School, Academy of Richmond County, 1918-1924; The Junior College of Augusta, 1926.

#### CHESTER McKENLEY SUTTON, A.B., A.M. - - - - - English

A.B., Guilford College, 1916; A.B., Haverford College, 1919; A.M., University of North Carolina, 1924; Graduate Study, University of North Carolina, Summer of 1925, year of 1925-1926. Principal, Monteo High School, 1919-1920; Principal, Bona Vista High School, 1920-1922; Principal, Leggett High School, 1922-1923; Principal, Mount Pleasant High School, 1924-1925; Instructor in English, University of North Carolina, 1925-1926; Head of Department of English, Piedmont College, Summer School of 1926; The Junior College of Augusta, 1926.

#### JOSEPH LE CONTE TALLEY, B.S., M.S. - - - - - Physics

B.S., University of Georgia, 1923; M.S., Mercer University, 1925. Graduate Assistant in Physics and Mathematics, Mercer University, 1923-1924; Instructor of Physics, Mathematics and Drafting, 1924-1925; Head of Physics in Mercer University Summer School, teaching Physics and Radio, 1926; The Junior College of Augusta, 1926.

Note.—A majority of the Faculty of The Junior College of Augusta serve also in The Academy of Richmond County, as permitted by the standards for Junior Colleges of The Association of Colleges and Secondary Schools of the Southern States.



THE R. O. T. C. REGIMENT INCLUDES THE ACADEMY BOYS; OTHER JUNIOR COLLEGE STUDENTS, CHIEFLY GIRLS, ARE ON STEPS OF THE BUILDING.



#### DEFINITION OF A JUNIOR COLLEGE

The American Council on Education defines a Junior College as "an institution of higher education which gives two years of work equivalent in prerequisites, scope and thoroughness to the work done in the first two years of a College as defined elsewhere."

It is generally conceded that these two years of work are closely related to high school work and, therefore, may be given properly and most efficiently in connection with an accredited High School.

#### THE JUNIOR COLLEGE MOVEMENT

Public Junior Colleges have usually developed as upward extensions of high schools in response to local demands for college training.

The immaturity of most high school graduates and their need of home influences and supervision, the crowded conditions in most higher institutions and the resulting lack of individual attention to their students, the heavy cost of sending boys and girls "off to college"—these and other considerations have led to the establishing of many Junior Colleges in other parts of our country. Higher institutions very generally are encouraging this development whenever local conditions are favorable for a Standard Junior College.

#### THE JUNIOR COLLEGE OF AUGUSTA

In 1910, The Academy of Richmond County under the Board of Education of Richmond County, added a Year of College and Commercial Work to the standard four-year high school curricula previously given. Freshman College Courses were offered, identical or equivalent to those at the University of Georgia and the Georgia School of Technology; advanced credit in these and similar institutions has been granted continuously since 1911 upon official statement of the courses given and upon submission of satisfactory examination books and questions—the latter usually approved in advance by the Colleges concerned. Academy Fifth-Year graduates, entering these colleges as Sophomores, have almost invariably done well in advanced work there and have made better average records than students who entered these colleges as Freshmen.

The increasing need of a Standard Junior College led the Board of Education on August 15th, 1925, to found The Junior College of Augusta, its operation to start with the Session of 1926-1927 in the new Academy Building upon a twenty-seven-acre Campus, a few blocks west of the Tubman High School for Girls.

The Junior College of Augusta is co-educational. With this in view, the Tubman offered Freshman College Courses in 1925-1926; therefore, Fifth-Year graduates of both schools entered the Junior College of Augusta in the fall of 1926 as Sophomores under the same conditions for college credit as stated above. The Tubman and the Academy are now standard four-year schools, offering high school work only, all college work being done in The Junior College of Augusta.

#### FINANCIAL SUPPORT

In the resolution establishing The Junior College of Augusta, it was provided that "The Board of Education shall be at no additional expense beyond the cost of the fifth year in the High School course." It was estimated that this added cost in the Academy and Tubman would have been \$15,000.00 for 1926-1927, assuming that the fifth-year classes had been carried on in both schools.

Hence, the Board appropriated this amount for that year, and again for 1927-1928, the remaining costs to be met by tuition fees.

#### **EQUIPMENT**

The Junior College of Augusta is housed in the new building of The Academy of Richmond County, situated in the heart of Augusta on a twentyseven acre campus, most of which was donated by the City of Augusta. The total value, including campus and equipment, is conservatively estimated to be half a million dollars. The building is modern in every detail, special attention having been paid to its heating, lighting, and ventilation. Ample steel lockers are provided so that each student may be assigned a locker for the safe-keeping of personal property, such as books, wraps, etc. The class rooms, laboratories, science lecture room, drafting room, library, auditorium, gymnasium, shops, lunch room, armories, parade ground and athletic fields offer ample facilities for the satisfactory operation of a school of 1,000 students. The Auditorium has a seating capacity of 1,060, and is well designed to meet the needs of the school. The Library has approximately three thousand volumes, thoroughly catalogued, and in charge of a full-time, trained librarian. Numerous magazines are kept on the tables and ample space is provided for reading and studying. The gymnasium is one of the largest in the city; provision is made with lockers, showers, etc., for its full use. The lunch room is operated by the school, and all profits from it are used to support student activities in both the Academy of Richmond County and The Junior College. The R. O. T. C. unit established by the United States Government, has the use of two large armories and ample office space for the Commandant and his aides. It is fully equipped with Springfield rifles loaned by the Government. The parade ground is very accessible and is to be one of the finest in the country. Plans are being made to develop the athletic fields so as to include all forms of out-door athletics, which in connection with the splendid gymnasium, will fully meet every need.

#### ACCREDITED RELATIONS

The Junior College of Augusta is a member of The Association of Colleges and Secondary Schools of the Southern States, of The American Association of Junior Colleges, and of The Association of Georgia Colleges. These affiliations assure the highest possible recognition of all credits in The Junior College of Augusta. However, since colleges vary considerably in their entrance requirements and in their numerous curricula, even within the same institution, it is of the utmost importance that High School preparation and Junior College Courses

shall be so chosen as to lead directly into the advanced work of the desired curriculum of the higher institution to be entered as a Freshman, a Sophomore, or a Junior. This applies to all students intending to enter The Junior College of Augusta.

#### GENERAL REQUIREMENTS FOR ADMISSSION

- (1) A formal application must be made in writing. A blank form for this purpose may be had by request to The Dean, The Junior College of Augusta, Augusta, Ga. This should be secured and forwarded with all entries for information asked. In order to give time for necessary arrangements and possible correspondence with the applicant, it is desirable that the application should be sent in before the applicant graduates from high school.
- (2) The general scholastic requirements for admission to the University of Georgia will be used as a minimum for admission to The Junior College of Augusta, except that three and one-half (3½) units of English, two (2) units of Algebra, one (1) unit of Geometry, one (1) unit of History and seven and one-half (7½) other acceptable units, making a total of fifteen (15) units, must be offered for admission by every Regular Student either by examination or by certificate from the Superintendent or Principal of an accredited secondary school. Unless specially recommended by him, certificates will not be accepted for non-graduates even though they cover the required fifteen (15) units. Not more than three (3) vocational units will be accepted. Blank Admission Certificates may be procured from the Dean.
- (3) As at the University of Georgia, persons not less than twenty (20) years of age, but unable to meet the regular entrance requirements and desiring to take college courses for which they give evidence of adequate preparation, may be admitted as Special Students; they cannot graduate until full entrance and graduation requirements have been met.

#### FEES AND DEPOSITS

The tuition fees in The Junior College of Augusta are \$100 for residents of Richmond County and \$180 for non-residents, payable half in advance at the opening of the Session in September and the remaining half at the beginning of the Second Semester in February.

As in practically all colleges, there will be a small Laboratory Fee to cover materials used, a Laboratory deposit to cover breakage of apparatus, a Military Deposit to cover loss or damage to equipment issued, a Late Registration Fee, a Students' Activities Fee covering athletics, incidentals such as test paper, examination books, etc., as approved later by the Junior College Committee of the Board of Education.

Any student unable to pay for necessary Fees, Deposits, Books, etc., should write for a blank Application Form for a Loan or Scholarship to be filled in by the parents of the student and forwarded to the Junior College Scholarship Committee. This should be done as soon as possible after deciding to try to enter the institution.

#### CHOOSING A CURRICULUM

In all cases where students intend to enter a higher institution after one or two years here, high school and Junior College Courses should be taken under advice of the Dean or the Curriculum Committee; this advice should be sought as far as possible in advance.

In general, when a student presents full entrance requirements of the higher institution to which transfer is expected after leaving The Junior College of Augusta, Courses can ordinarily be scheduled in the latter for at least one year which will be identical or equivalent to a full year of work in the higher institution and will be so credited by it.

Similarly, when one year of properly-chosen Courses have been credited in The Junior College of Augusta, second-year work may be scheduled there in standard A.B. and B.S. Courses of the University of Georgia and of similar institutions, leading to admission there as full Juniors, after graduation from the Junior College of Augusta. If the demand warrants also the Sophomore Courses in technical and other specialized lines of training, The Junior College will endeavor to offer these as the needs for them develop. Courses of general value to students not expecting to attend a higher institution, will certainly be offered, constituting excellent two-year curricula leading to graduation here with considerable training for the opportunities and responsibilities of life.

#### **CURRICULUM "CONDITIONS"**

Admission to The Junior College of Augusta admits only to those Courses for which adequate preparation is indicated. For example, a student choosing a Curriculum which requires a Modern Foreign Language, Advanced Course, must offer the prerequisite work or be "conditioned" in it. This "condition" must be absolved by examination or by passing it off in the Junior College or the Academy before the student can be registered as "unconditioned" in Curriculum and scheduled for the Advanced Course needed.

Similarly, when a student starts a College Course required in the Curriculum chosen and fails on account of inadequate preparatory training, even though this was previously credited, the student will be dropped from the Course started, "conditioned" in its prerequisite and required to schedule this at once in the College or the Academy. Thus, full preparation may be gained and the College Course started again at the opening of the next Semester. It is believed that practically all required Freshman Courses and some Sophomore Courses will be offered each Semester, enabling deficient students to repeat needed Courses failed and admitting high school graduates at mid-year as well as in the fall.

The procedures indicated in the two paragraphs above show administrative devices, making for unusual efficiency of instruction in a Junior College in combination with an accredited high school. It should be noted that Junior College students may take needed high school courses to absolve "conditions" after full admission, but high school students are not permitted to schedule college courses.

#### **GENERAL FRESHMAN CURRICULA**

As suggested before, Freshman schedules vary somewhat in colleges and universities; the requirements should be followed whenever a student has decided upon the institution to be entered later. For our own State University the uniform schedule for Bachelor of Arts and for Bachelor of Science (General) follows here: E51, 2; M51, 2; H51, 2; Science; MST51, 2; Latin or French or German.

For the Georgia School of Technology, the uniform schedule for all Engineering Courses is E51, 2; M55, 56, 58; Sc. 511, 522; Dr. 51, 2; French or Spanish or German; MST51, 2.

Students wishing Pre-Medical or Teacher-Training curricula should refer to the paragraphs under these titles.

Students not intending to go to higher institutions after leaving The Junior College of Augusta are advised to follow the University of Georgia schedule; however, the general requirements for a diploma here are sufficiently broad to cover the special needs of all students.

A minimum of 15 semester hours must be scheduled and a maximum of 17 is allowed to Freshmen; exceptions can be made only on special request in writing, approved by the Dean or the President.

#### ARTS CURRICULUM

This covers the requirements, Freshman and Sophomore, toward the Bachelor of Arts Degree in the University of Georgia and in many other institutions.

The prerequisite high school units are English 3½, Algebra 2, Geometry 1, History 2, Latin 3, or any two of Latin 2, French 2, German 2, and Spanish 2, with elective units to total 15 units.

Freshman requirements are E51, 52; M51, 52 or 53; H51, 52; L51, 52 or F51, 52 or G51, 52; Science.

Sophomore requirements are E61, 62; H61, 62; a foreign language 61, 62; electives to make a total of 60 semester hours.

#### SCIENCE CURRICULUM

This is identical with the Arts Curriculum except that only two units of foreign language, either French or German, must be offered for admission and must be continued for two years in the College. One Physical Science, Chemistry or Physics, and one Biological Science, Botany or Zoology, must be included in the required total of 60 semester hours. A second year of Mathematics is also recommended.

#### PRE-MEDICAL CURRICULUM

The Medical Department of the University of Georgia is situated in Augusta; students of either sex are admitted. The Junior College of Augusta offers the full Two-Year Curriculum required for admission to this fine institution and to other Class A Medical Colleges. Prerequisite high school units include the General Requirements for Admission; also at least two (2) of the seven and one-half (7½) elective units must be in a Foreign Language; other Foreign Language units and Physics or Chemistry should also be taken in high school if possible. The correlation of Pre-Medical Courses in The Junior College of Augusta with the later work in the Medical College here offers great promise of high efficiency in training.

Freshman Pre-medical Requirements: E. 51, 52; Sc. 511, 522; Sc. 531, 542; French or German; total, 32 semester hours.

Sophomore Pre-medical Requirements: E. 61, 62; Sc. 61, 62; Sc. 55, 56; M. 51; French or German; total, 31 semester hours. Grand total, 63 semester hours.

#### TEACHER-TRAINING CURRICULUM

The Augusta Training School for Teachers correlates its work with that of The Junior College of Augusta, both belonging to the Public School System of Richmond County.

The Training School Diploma will hereafter require that the final year of practice teaching shall be preceded by the full two-year Teacher-Training Curriculum and graduation from The Junior College of Augusta, or its equivalent in a standard college elsewhere.

The Board of Education will repay in the year of practice teaching the entire tuition cost in The Junior College of Augusta; further, it will give these graduates preferential consideration in electing teachers to fill vacancies in the Grammar Schools of Richmond County. Their superior training, as compared with ordinary Normal Courses, will undoubtedly justify this preference and tend to raise teaching standards wherever these graduates are employed.

Freshman Teacher-Training Course Requirements: E. 51, 52; Ed. 51, 52; H. 51, 52; two electives, preferably a Science and a Modern Language; total of 30 semester hours.

Sophomore Teacher-Training Course Requirements: E. 61, 62; Ed. 61, 62; Ed. 63, 64; Ed. 65, 66; one elective, preferably Modern Language continued; total, 30 semester hours. Grand total, 60 semester hours.

#### **CREDITS**

Instead of expressing credits for academic work in terms of units, as in high schools, they are counted as "hours" of work; since The Junior College of Augusta divides its work into two half-years, called "Semesters," its academic credits are expressed in "Semester Hours." One Semester Hour is the credit for one recitation, or one double laboratory period, per week for one Semester, though more time is given in some courses. Thus a Science course with three recitations and one double laboratory period per week for one Semester gives a credit of four Semester Hours.

The quality of academic credits is expressed in "Quality Credits," one Quality Credit being given for each Semester Hour, earned with a grade from 75 to 80 per cent; two Quality Credits for each Semester Hour from 80 to 90 per cent; three Quality Credits for each Semester Hour from 90 to 95 per cent; and four Quality Credits for each Semester Hour from 95 to 100 per cent.

In effect, this requires that some of the semester hours shall be done with something higher than barely satisfactory grades. The plan has the great advantage of indicating at any time whether or not the general quality of the work done is satisfactory; the number of Quality Credits earned should always equal or exceed the number of semester hours credited.

#### CLASSIFICATION

At the beginning of the First Semester, all students with 24 semester hours of credit and with 24 quality credits will be classified as Sophomores.

#### REQUIREMENTS FOR GRADUATION

At the beginning of every Session, each candidate for a diploma that year, is required to file with the Dean, or the President, a written schedule of a plan for graduation showing courses already credited and those to be taken during the Session. This must be done before the second week of the First Semester; the schedule must be approved again during the first week of the Second Semester.

For graduation, a total of 60 Semester Hours is required, including English 61, 62 and 9 other Semester Hours, exclusive of Military Science and Tactics, in courses numbered with 6 as the first digit; also 60 Quality Credits must be earned, of which 30 must be earned during the last two Semesters of residence. At least 9 Semester Hours must be earned during the last Semester of residence.

No Diploma will be granted any student until the requirements, academic, disciplinary, and financial, of The Junior College of Augusta, have been met in full.

#### REPORTS

Reports will be mailed to parents of all students just after the middle and after the end of each semester. Grades for class work during each half-semester are reported by letters as follows: A, 95 to 100 per cent; B, 90 to 95 per cent; C+, 85 to 90 per cent; C, 80 to 85 per cent; D, 70 to 80 per cent; E, 60 to 70 per cent, failure; F, below 60 per cent, bad failure. Examination grades and semester averages are reported in percentages. No re-examination is graded above 70 per cent.

#### DEFICIENCIES

Any student is "deficient" whose report does not show a pass in at least one course of 3 or more semester hours of credit and grades of 60% or higher in two other courses valued at 6 or more semester hours.

Every "deficient" student is put under formal warning and the parents are notified. Any student "deficient" for two consecutive Report Periods or Semesters, may be dropped from the College by vote of the Faculty, with or without privilege of return after removing stated "conditions" by examination here or by certificate from another College.

#### **HONORS**

Honors are announced at each Commencement, and are calculated on a minimum basis of 30 semester hours of work, including English. Students must meet the full requirements of the class in which they are rated, and must have satisfactory conduct, in order to be eligible for honors.

Highest Honor is awarded each student whose general average is from 95 to 100; High Honor is awarded when the general average is from 90 to 95, and Honor is awarded when the general average is from 85 to 90.

#### STUDENT ACTIVITIES

#### LITERARY SOCIETY

New emphasis is being placed upon the work of literary societies in Colleges. It is recognized that they furnish a training ground for students in debate and oratory and a facility and ease in public speaking which is not supplied in an equal degree in any other department of a College. It is also one of the established facts of modern life that no one can hope to hold a place of leadership in the work of the world, who has not ability to speak well in public. While membership is voluntary in the Sidney Lanier Literary Society of The Junior College of Augusta, encouragement is given by the Faculty to full participation, by every student, in the activities of the society.

#### DRAMATIC CLUB

As a corollary to the work of the literary society in developing poise and self-confidence, the Dramatic Club of The Junior College of Augusta, is an im-

portant factor in the student life of the school. Under the supervision and direction of a member of the Faculty, students are encouraged to participate, and develop potential talent that otherwise would never be discovered. Plays are given from time to time in the large attractive auditorium to which the citizens of Augusta are invited.

#### SCHOOL PUBLICATIONS

School publications have great value for the training given. In 1926-1927 the graduating classes of The Junior College of Augusta and The Academy of Richmond County, with the aid and supervision of a Faculty Committee, published jointly an Annual entitled, "The Rainbow." The Faculty co-operates to the fullest extent in such an activity in so far as it does not interfere with the required work of the College.

#### **ATHLETICS**

The big Gymnasium, the extensive Campus awaiting development for all forms of athletics, the added numbers and age of the student body and particularly the coming of young ladies into the Junior College, all point to new possibilities for physical training and for athletic contests on a scale never dreamed of in the past history of the Academy. An important ruling in regard to Junior College graduates being eligible for Varsity Teams immediately upon entry into higher institutions, has been made on the Pacific Coast and in some parts of the Middle West; it is under consideration in the Southern Conference and it is hoped that such action may soon be taken. In athletics as in many other aspects of the new institution, much study has been given to the wisest plan for the athletic development. A single schedule was followed for 1926-1927, including some teams played before, Freshman College and Junior College teams, each under the type of contract called for by the team played. As numbers increase, separate schedules may be used for Junior College and Academy teams. Conservatism should control now, it seems.

For 1927-1928, the policy regarding Coaches in athletics will be continued, using regular teachers in the College and in the Academy.

Mr. Charles G. Cordle will again have charge of the Track Squad.

Mr. T. W. Gressette will be in charge of football, basketball and baseball. He played on the teams of Furman University and of the University of South Carolina and has studied coaching at the University of Illinois. For the past four years, he coached all sports at LaGrange, Ga., winning thirty-one consecutive victories in football and making excellent records in other sports. Assisting him, we shall have Mr. Cecil W. Sherlock, well-known athlete of The Academy of Richmond County and The University of Georgia, and Mr. Albert F. Simpson, who was trained at Davidson College and at The University of Georgia; last season, he taught and coached very successfully at the High School of Washington, Georgia.

With such men in charge of athletics in the Academy and The Junior College, it is safe to predict fine results in 1927-1928.

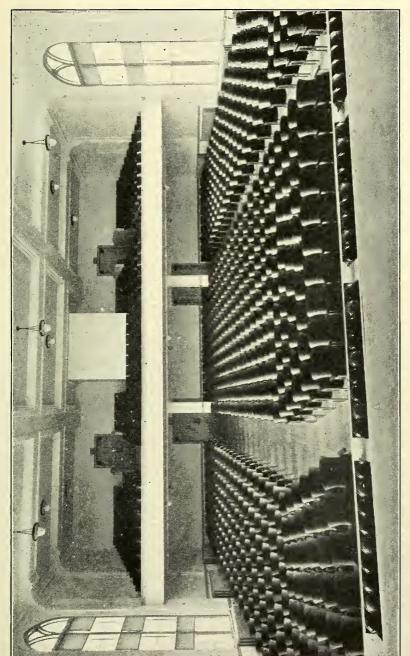
#### RESERVE OFFICERS' TRAINING CORPS

The United States Government has authorized a Junior Unit and has detailed as Professor of Military Science and Tactics, Colonel A. G. Goodwyn (Major, U. S. A., Retired), Commandant for five years at The Citadel, Charleston, South Carolina. Military Service is optional for Junior College students, but doubtless the Two Years' Basic Course will be taken by many of them, especially those intending to enter Colleges or Universities where this Course is required and where it is expected that full credit will be given for satisfactory theoretical and practical training here. The splendid Drill Field at the new Campus, the ample facilities in the New Building and the new equipment furnished by the Government enables Colonel Goodwyn to do excellent work under most favorable conditions. Scarcity of funds was given as a reason why uniforms could not be issued to all cadets who drill; also, the coats and pants if issued would be left-over stock from the World War, in stock sizes, roughly made and varied in texture and color of material. Colonel Goodwyn stated that this was never satisfactory and strongly urged the Committee to accept instead the issue by the War Department of shirts, belts, ties, caps or hats, insignia, etc., for the entire R. O. T. C. unit and to continue the use of a distinctive uniform of Olive Drab with coat of the popular English style with roll collar, to be purchased by the cadets as heretofore. This was officially approved by the Committee, and the uniforms which proved so satisfactory in 1926-1927 may be used in 1927-1928. New uniforms may be purchased at \$26.20 for cap, coat and trousers; the local agents chosen by the Committee of the Board are Messrs. Farr & Hogan who will furnish all new uniforms for 1927-1928. Announcements in regard to having measures taken, making payments, etc., will be published on the opening day of the new session. A small deposit will be required from each cadet before shirts, belt, overseas cap, etc., will be issued to him; this deposit is refunded when the clothing issued is returned by the cadet at the end of the session.

#### DISCIPLINE

Discipline is under the control of the College Faculty, administered through the President and the Dean. The following rules have been adopted:

- 1. The disciplinary system shall consist of "points" given students for breaches of discipline. When a student has a total of five "points" a First Reprimand is given the offender and notice is sent the parent. When a student has a total of 10 "points," a Second Reprimand is given as above. When a student has a total of 15 "points," the penalty is suspension from college, the length of the suspension to be determined by the Faculty, subject to approval of the Superintendent of Schools.
- 2. A student shall receive five "points" for each "cut" or unexcused absence.
- The responsibility of having absences from recitations or school excused, shall rest with the student.
- 4. Points for misconduct shall be given only by the President or the Dean, after personal conference with student; lists of students having "Reprimands" shall be posted on the bulletin board.



THE AUDITORIUM



#### DEPARTMENTS OF INSTRUCTION

Courses whose numbers begin with the digit 5 are Freshman courses; those whose numbers begin with the digit 6 are Sophomore courses. Odd numbered courses start in the fall, and even numbered courses are ordinarily given in the Second Semester. The semester when each course is offered, is indicated; it will be repeated in the other semester when registration warrants it. Ordinarily no course is offered to fewer than six students.

The word "hour" means one recitation of 50 minutes net. A double laboratory period is a period of 103 minutes net.

Students who show unsatisfactory training for any Junior College course desired, may schedule the prerequisite work in the Academy of Richmond County for which no college credit will be allowed.

#### DEPARTMENT OF BIOLOGY

Mr. I. M. Ellis

· ·
Sc. 53. INTRODUCTORY ZOOLOGY Mr. Ell
Prerequisite: None.
First semester, 3 hours, lectures and recitations and one double laborator
period per week. Credit, 4 semester hour
A course in animal biology dealing with representative types of the phyla of
the animal kingdom. The structure and function of the organs and systems of
animals is studied on a comparative basis. A foundation course emphasizing the
characteristics and vital phenomena of living organisms.
(Laboratory fee of \$2.00 payable in advance.)
Sc. 531. INTRODUCTORY ZOOLOGY Mr. Ell
Required of all pre-medical students.
Prerequisite: None.
First semester, same as Sc. 53, but with two double laboratory periods
week. Credit 5 semester hour
Sc. 54. INTRODUCTORY ZOOLOGY Mr. Ell
Prerequisite: Sc. 53.
Second semester, 3 hours, lectures and recitations and one double laborator
period per week. Credit 4 semester hour
A continuation of Sc. 53, with special emphasis placed on the vertebra
animals.
(Laboratory fee of \$2.00 payable in advance.)
THE PARTY OF THE P
Sc. 542. INTRODUCTORY ZOOLOGY Mr. Ell
Required of all pre-medical students.

Second semester, same as Sc. 54, but with two double laboratory periods

Credit 5 semester hours.

Prerequisite: Sc. 531.

per week.

Sc. 57. INTRODUCTORY BOTANY - - - - - - - - - Mr. Ellis
Prerequisite: None.

First semester, 3 hours, lectures and recitations, and one double laboratory period per week.

Credit 4 semester hours.

An introductory course in plant biology. A thorough study is made of plant morphology, physiology, and ecology. A survey is made of the thallophytes, bryophytes, and pteridophytes, with an introduction to the spermatophytes.

(Laboratory fee of \$2.00 payable in advance.)

Sc. 58. INTRODUCTORY BOTANY - - - - - - - Mr. Ellis Prerequisite: Sc. 57.

Second semester, 3 hours, lectures and recitations and one double period of laboratory work per week.

Credit 4 semester hours.

A continuation of Sc. 57, with emphasis upon the study and classification of local spring flora.

(Laboratory fee of \$2.00 payable in advance.)

#### DEPARTMENT OF CHEMISTRY

Mr. C. A. Scruggs

#### Sc. 51, 52 GENERAL INORGANIC CHEMISTRY

This course is designed to acquaint students with all the well-established facts, laws and theories of Chemistry. Thoroughness and practical application will be the aim, since general chemistry is the foundation of both organic and analytic chemistry. Problems and exercises will be emphasized generally.

Sc. 51. First Semester. INORGANIC CHEMISTRY - - - - Mr. Scruggs
Prerequisite: None; High School Chemistry recommended.
Prerequisite to Sc. 61, 62.

Three hours of lectures and recitations per week and one double period of laboratory work.

Credit 4 semester hours.

In addition to a brief review of High School Chemistry, discussions on molecular and atomic weights will be given.

(Note—Laboratory fee of \$3.00 payable in advance.)

Sc. 511. Same as Sc. 51, but with two double periods of laboratory work per week.

Credit 5 semester hours.

Required of all pre-medical students.

Sc. 52. Second Semester. INORGANIC CHEMISTRY - - - Mr. Scruggs
Prerequisite Sc. 51.

Three hours of lectures and recitations per week and one double period of laboratory work.

Credit 4 semester hours.

A continuation of Sc. 51.

(Note-Laboratory fee of \$3.00 payable in advance.)

Sc. 522. Same as Sc. 52, but with two double periods of laboratory work per week.

Credit 5 semester hours.

(Required of all pre-medical students.)

#### Sc. 61, 62. ORGANIC CHEMISTRY.

(Required of all pre-medical students.)

In this course the aliphatic and aromatic series are studied. The methods most frequently employed in the separation, purification and analysis are taken up briefly, and then a study of the preparation and properties of the typical compounds is made, attention being directed principally to general reactions. Questions of constitution are discussed at length.

Sc. 61. First Semester. ORGANIC CHEMISTRY - - - - - Mr. Scruggs Prerequisite: Sc. 51, 52.

Three hours of lectures and recitations per week and one double period of laboratory work.

Credit 4 semester hours.

This course deals chiefly with a study of the important compounds of the aliphatic series, their constitution, typical reactions and derivatives, including the subject of mixed compounds containing nitrogen.

(Note-Laboratory fee of \$3.00 payable in advance.)

Sc. 62. Second Semester. ORGANIC CHEMISTRY - - - - Mr. Scruggs Prerequisite Sc. 61.

Three hours of lectures and recitations per week and one double period of laboratory work.

Credit 4 semester hours.

This course is a continuation of Sc. 61. The entire semester will be devoted to a study of the aromatic series.

(Note-Laboratory fee of \$3.00 payable in advance.)

#### **DEPARTMENT OF DRAWING**

Mr. Anton P. Markert

D. 51. DESCRIPTIVE GEOMETRY - - - - - - Mr. Markert First semester. Technical Course.

2 hours recitations and 4 hours drafting, per week. Credit 3 semester hours. Prerequisite or parallel course: Solid Geometry.

A study of delineation of the projection of point, line, and plane surfaces and solids, and their various relations; tangencies, intersections and developments are considered.

D. 52. DESCRIPTIVE 'GEOMETRY - - - - - - - - Mr. Markert Second semester. Technical course.

2 hours recitations and 4 hours drafting, per week. Credit 3 semester hours. Prerequisite: D. 51.

A continuation of D. 51.

D. 53. MACHINE DRAWING - - - - - - - - Mr. Markert
First semester, 4 hours drafting per week. Credit 2 semester hours.
Prerequisite: None. Mechanical Drawing recommended.

Exercises in the use of the instruments and in applied geometry and in applied lettering; orthographic projection; scale working drawings from the text; working drawings from sketches; working drawings from parts of machines; assembly drawings from working drawings of parts; tracing and blue printing.

D. 54. MACHINE DRAWING! - - - - - - - - - - - Mr. Markert
Second semester, 4 hours drafting per week.

A continuation of D. 53.

#### DEPARTMENT OF ECONOMICS

MR. ERIC W. HARDY

The work of this department is designed to meet the needs of students who will pursue more advanced work in this field in the standard colleges, and also of those who will enter the practical economic life of the community after graduation from The Junior College.

The first two courses are identical with Economics 1 and 2 of the University of Georgia, while the last two cover Economics 5 there.

## Ec. 57. INDUSTRIAL AND COMMERCIAL GEOGRAPHY - - Mr. Hardy (University of Georgia)

First semester, 4 hours per week.

Credit 3 semester hours.

This is a course in the geography of economic resources and trade. Special attention is paid to the economic geography of North America.

Ec. 58. MODERN BUSINESS (University of Georgia) - - - - Mr. Hardy
Second semester, 4 hours per week.

Credit 3 semester hours.

This course covers the fundamental principles of modern business methods and administration.

Ec. 67. THE OUTLINES OF ECONOMICS - - - - - Mr. Hardy
First semester, 3 hours per week.

Credit 3 semester hours.

A basic course in the theory and teachings of economics. Production, consumption and distribution receive careful attention. A study is made of the elements which determine value and price, and an introduction to money, banking and credit, monopoly, business combinations, transportation, labor problems, and economic reform, is undertaken. Effort will be made to heighten the practical value of the course by constant reference to current economic problems.

Ec. 68. THE OUTLINES OF ECONOMICS - - - - - Mr. Hardy
Second semester, 3 hours per week.

Prerequisite: Ec. 67.

A continuation of Economics 67.

CHEMICAL LABORATORY



#### DEPARTMENT OF EDUCATION

MISS KATHARINE P. BOGGS MISS JULIA A. FLISCH

#### Ed. 51. PSYCHOLOGY OF ELEMENTARY EDUCATION

Miss Boggs and Miss Flisch.

Required of all students taking the Teacher-Training Course.

First semester, 4 hours per week.

Credit 3 semester hours.

This course involves a study of the nature and objectives of education, the physical and hereditary basis of education, the psychology of learning, the psychology of the teaching process, and the individual differences of children and how to meet them.

#### Ed. 52. PSYCHOLOGY OF CHILDHOOD - - Miss Boggs and Miss Flisch Required of all students taking the Teacher-Training Course.

Second semester, 4 hours per week.

Credit 3 semester hours.

This course is a continuation of Ed. 51, and consists of a study of the original nature of the child; instincts, emotions, attention, sensation, perception, memory, imagination, thinking, habit formation, the significance of play, moral training and physical development. A brief study of exceptional children will also be made.

### Ed. 61. TECHNIQUE OF TEACHING - - - - - - Miss Boggs Required of all Sophomores in the Teacher-Training Course.

First semester, 3 hours per week.

Credit 3 semester hours.

This course deals with the teaching process, its aims and underlying principles. Emphasis will be laid upon the practical application of these principles in teaching the various school subjects. Different types of school exercises are considered in an attempt to link the theory and practice of teaching.

### Ed. 62. THE AMERICAN PUBLIC SCHOOL - - - - - Miss Boggs Required of all Sophomores in the Teacher-Training Course.

Second semester, 3 hours per week.

Credit 3 semester hours.

The purpose of this course is to trace the development of education from the French Revolution to the present time. Particular stress is put upon the growth of the American Public School and the influence brought to bear upon our educational system through the teachings of Rousseau, Pestalozzi, Froebel, Herbart, and other great educators.

### Ed. 63. METHODS OF TEACHING - - - - - - Miss Boggs Required of all Sophomores in the Teacher-Training Course.

First semester, 3 hours per week.

Credit 3 semester hours.

This course includes a study of the best methods to teach reading, spelling, language, and arithmetic as they relate to children's activities, and grow out of their interests and needs. Nature-study, geography, history, and literature are considered in their relation to each other and to other subjects of the curriculum.

#### Ed. 64. CLASSROOM MANAGEMENT - - - - - Miss Boggs

Required of all Sophomores in the Teacher-Training Course.

Second semester, 3 hours per week. Credit 3 semester hours.

In this course, a study of classroom management and control is taken up. The daily program, supervision of study, making of records and reports, the problem of attendance, individual adjustments, school activities, proper lighting and heating are considered.

#### Ed. 65, 66. OBSERVATION AND PRACTICE TEACHING - - Miss Boggs

This course consists of observation and practice teaching in the Augusta Training School for Teachers, conducted in one of the City Grammar Schools. Demonstration lessons given by the Critic Teacher are observed and discussed. Lesson plans for the teaching of special school subjects are prepared by the Student Teacher and submitted to the Critic Teacher for criticism. The lessons are then taught in the classroom under the direction of the Critic Teacher in charge of the room.

Ed. 65. OBSERVATION AND PRACTICE TEACHING - - - Miss Boggs
Required of all Sophomores in the Teacher-Training Course.

First semester, 12 clock hours per week. Credit 3 semester hours.

Ed. 66. CONTINUATION OF ED. 65 - - - - - Miss Boggs
Second semester, 12 clock hours per week. Credit 3 semester hours.

#### DEPARTMENT OF ENGLISH

Mr. Henry O. Read Mr. Chester M. Sutton

E. 51. ENGLISH COMPOSITION - - - - Mr. Read and Mr. Sutton Required of all Freshmen.

First semester, 4 hours per week.

Credit 3 semester hours.

The course attempts to go thoroughly into the fundamentals of effective writing. Emphasis is placed upon technical considerations of sentence and paragraph structure; upon the correct and effective use of words; and upon the construction of the whole theme, involving the collection and the logical handling of material. Attention is given to instruction in an intelligent use of the dictionary and other reference books. Regular theme assignments, and written reports on outside reading will be required.

- E. 52. ENGLISH COMPOSITION - - Mr. Read and Mr. Sutton
  Second semester, 4 hours per week.
  A continuation of E. 51.
- E. 61. A SURVEY OF ENGLISH LITERATURE - - Mr. Read From Beowulf to Modern Times.

Required of all Sophomores.

Prerequisite: E. 51, 52, or equivalent.

First semester, 3 hours per week.

Credit 3 semester hours.

Both the content and the form of a representative collection of masterpieces from English Literature will be given intensive study. Significant literary movements and tendencies, social and historical backgrounds both of authors and their masterpieces, will furnish material for lectures, as well as for oral and written reports on the part of students. Much parallel reading in source material and in critical comment will be assigned throughout the course.

E. 62. A SURVEY OF ENGLISH LITERATURE - - - - - Mr. Read (Prerequisite: 'E 61.)

Second semester, 3 hours per week. Credit 3 semester hours.

During the second semester, as time may allow, a brief survey of American Literature will be given, with especial emphasis, as in E. 61, upon forms and types of literary expression.

#### FRENCH—See Romance Languages.

#### DEPARTMENT OF GERMAN

Mr. CHARLES G. CORDLE

#### G. 501, 502. ELEMENTARY GERMAN

A course for beginners, offered for the first time in 1927-1928.

G. 501 - - - - - - - - - - - Mr. Cordle
Prerequisite: None.

First semester, 5 hours per week. Credit 3 semester hours.

Elementary grammar, composition, and conversation.

G. 502 - - - - - - - - - - - - - Mr. Cordle
Prerequisite: One unit of High School German, or G. 501.

Second semester, 5 hours per week. Credit 3 semester hours.

Study of grammar continued. Reading of easy texts in class.

Parallel reading of 200 to 300 pages of German.

Additional courses in German will be offered as applications warrant.

No College credit will be given for G. 501 or G. 502 if corresponding high school work was offered for admission to College.

#### DEPARTMENT OF HISTORY

MISS JULIA A. FLISCH MR. CHARLES G. CORDLE.

#### History 51, 52. MODERN EUROPEAN HISTORY.

The Freshman courses are designed to give the student basic knowledge of the great movements in European history and to show the interdependence of nations.

## H. 51. MODERN EUROPEAN HISTORY - - Miss Flisch and Mr. Cordle First semester, 4 hours per week. Credit 3 semester hours.

From the beginning of the Stuart period in England and the Age of Louis XIV. to the establishment of the Second French Empire and the unification of Germany and Italy. Emphasis is laid on the influence of the French Revolution on the nations of Europe, and the beginnings of national unity in Europe.

#### H. 52. MODERN EUROPEAN HISTORY - - Miss Flisch and Mr. Cordle Second semester, 4 hours per week. Credit 3 semester hours.

(Prerequisite History 51 above.)

This course covers the period from the unification of Germany and Italy to the present time. Emphasis is laid on the growth of the German empire, the increasing importance of the Balkans, and the causes and results of the World War.

## H. 61. HISTORY OF ENGLAND - - - - - - - - Miss Flisch First semester, 3 hours per week. Credit 3 semester hours.

This course is designed to give the student knowledge of the growth of constitutional government in England to the reign of George I, especially of those laws and institutions which underlie our democracy.

H. 62. HISTORY OF ENGLAND - - - - - Miss Flisch
Second semester, 3 hours per week.

(Prerequisite History 61.)

This course covers the later history of England. It emphasizes the establishment of the cabinet system, the great political reforms of the nineteenth century, the Industrial Revolution with its marvelous results on industry and commerce, the beginning of imperial problems with their settlement, the Great War, and England's present condition and outlook.

#### DEPARTMENT OF LATIN

Mr. J. E. Eubanks

In this department, three units of High School Latin are required for entrance. Students who present four units are not admitted to advanced college courses.

Note: The High School courses in Latin 41 and 42 may be taken, but only High School credit will be granted.

For one semester of Latin 51, 52, when a very large proportion of the class has had no Virgil, there may be substituted for the Roman Historical Literature a course in the Aeneid. Selections from the entire poem, but chiefly from the first six books, will be read intensively, while extensive sight reading will be done throughout the poem to give the student a view of this masterpiece of Latin literature as a whole. Work of college grade will be required, not alone in the study of the text, but in reports of collateral readings and in extensive cross reference work. Particular attention will be paid to metrical form and literary style. The courses below are identical with Latin 1 and Latin 2, University of Georgia.

L. 51. - - - - - - - - - - - - - - Mr. Eubanks
First semester, 4 hours per week.

Credit 3 semester hours.

For the first semester one of the plays of Terence is read in class. The history of the development of the Latin drama is studied. A brief study of metres is undertaken.

In the second semester selections from the various historians are read. Advanced prose composition is studied throughout the year.

L. 61. - - - - - Mr. Eubanks
First semester, 3 hours per week.
Prerequisite: L. 51, 52.

In the first semester some of Cicero's philosophical works are read, such as De Senectute. Outside readings are freely assigned.

L. 62. - - - - - Mr. Eubanks
Second semester, 3 hours per week.

Prerequisite: L. 61.

Selected odes of Horace are read during the second semester. Metres are studied in connection with Horace. Special attention is given to literary content.

#### DEPARTMENT OF MATHEMATICS

Mr. J. L. SKINNER Mr. A. P. MARKERT

### M. 51. PLANE TRIGONOMETRY - - - - - - - Mr. Skinner First semester, 4 hours per week. Credit 3 semester hours.

A thorough course in plane and analytical Trigonometry, special emphasis being placed on its application to practical problems. Algebraic methods in treating the relation of lines and angles, derivation and use of formulae, proficiency in use of tables, and their application to the solution of plane triangles, are stressed.

## M. 52. PLANE ANALYTIC GEOMETRY Second semester, 4 hours per week. Prerequisite or parallel course, M. 51.

This course includes the analytic geometry of the point, line, and circle; transformation of co-ordinates; rectangular graphs of transcendental curves; a study of conic sections, their equations and properties.

## M. 53. COLLEGE ALGEBRA - - - - - - - Mr. Markert First semester, 4 hours per week. Credit 3 semester hours.

This course begins with a short review of the properties of quadratics and systems of equations, and continues with a study of logarithms, permutations and combinations, complex numbers, determinants, infinite series, partial fractions, and the theory of equations.

# M. 55. ELEMENTARY FUNCTIONS. (Trigonometry and Algebra) Mr. Markert First semester, 5 hours recitations, and one hour conference, per week. Freshman Technical. Credit 5 semester hours. Prerequisite, or parallel course, Solid Geometry.

This course begins with a review of Algebra and includes the usual work in Trigonometry, with advanced Algebra. The functions concept is stressed as a means of unifying the theory. The problems are to a large extent practical and of the type usually found in engineering work.

## M. 56. PLANE ANALYTIC GEOMETRY - - - - - - - Mr. Markert Second semester, 5 hours per week. Prerequisite: M. 55.

This course includes the Analytic Geometry of the point, line and circle; transformation of co-ordinates, polar and rectangular graphs of transcendental curves used in Engineering; a study of conic sections and their equations and properties; parametric equations and loci.

## M. 58. SLIDE RULE - - - - - - - - - - - - - Mr. Markert Second semester, 1 hour per week. Credit 1 semester hour.

The theory of the slide rule is taught, and the use of the rule in the solving of numerous algebraic, trigonometric, and logarithmic problems. Each student is required to have a Keuffel and Esser Polyphase slide rule, 10-inch, No. 4053-3.

M. 62. CALCULUS.

Second semester, 3 hours per week.

Prerequisite: M. 51, 52, 53.

An introductory course comprising the study of the differentiation of algebraic, trigonometric, and transcendental functions; simple applications of the derivative and the differential; maxima and minima; points of inflection; curvature; methods of integration; the definite integral; finding of plane areas and lengths of plane curves.

#### MILITARY SCIENCE AND TACTICS

Major A. G. Goodwyn Sergeant J. A. Leipold

M. S. & T. 51 and 52.

First and second semesters.

One hour recitation and 5 hours' drill per week.

Command and Leadership.
Rifle Marksmanship.
Military Courtesy.
Military Hygiene and First Aid.
Physical Drill.
Citizenship.

Text: R. O. T. C. Manual Infantry, 1st Year, Vol. I.

M. S. & T., 61 and 62.

First and second semesters.

Credit 3 semester hours.

One hour recitation and 5 hours' drill per week.

Map Reading.
Scouting and Patrolling.
Musketry.
Interior Guard Duty.
The Automatic Rifle.
Citizenship.

Text: R. O. T. C. Manual Infantry, 2nd Year, Vol. II.

Note.—M. S. & T. Courses are elective in The Junior College; if M. S. & T. 51, or 61 is scheduled, it and the next course also become requirements for graduation of that student.

THE LIBRARY



#### DEPARTMENT OF PHYSICS

Mr. J. L. TALLEY

#### SCIENCE 55, 56

#### Required of Sophomores in Pre-Medical Courses.

An introductory course covering the fundamental principles of mechanics, molecular physics, heat, sound, magnetism, electricity, the phenomena of electromagnetic waves and light. A large number of numerical problems are solved.

The laboratory course in this subject consists of experiments, reports and conclusions. Thus the student becomes familiar with the practical application of physics and its use in every-day life.

Prerequisite: Plane Trigonometry must be credited or carried as a parallel course.

- Sc. 55. COLLEGE PHYSICS - - - - Mr. Talley
  First semester, 3 hours of lectures and recitations and one double laboratory
  period per week.

  Credit 4 semester hours.
- Sc. 56. COLLEGE PHYSICS - - - - - - Mr. Talley
  Second semester, 3 hours of lectures and recitations and one double
  laboratory period per week.

  Credit 4 semester hours.

#### DEPARTMENT OF ROMANCE LANGUAGES

MR. JUSTIN H. BEGUE.

Mr. ———

#### Requirements for Credit

No student shall be granted College Credit in this department if the following conditions have not been satisfied:

- (a) A minimum average grade of 70%.
- (b) Parallel reading from Authors to be selected by the head of the department; such reading to be assigned by him once a month. Each student will then have to submit an oral and a written report on the book read by him; both reports to be made in the language studied, except in Conversation and Pronunciation.

Students will be expected to show a constant progress in the acquisition of spoken French or Spanish. Such progress will be tested once a month, and full college credit will not be given to those who neglect this part of their program.

Advanced courses will be conducted mostly in the language studied.

No College credit will be given for F. 501 or F. 502 if corresponding high school work was offered for admission to College.

Centuries.

4-Conversation: Same book as for F51.

the Seventeenth or Eighteenth Centuries.

#### **FRENCH**

T RENOTT
F. 501, 502 A course for beginners.
F. 501
Second semester, 5 hours per week. Credit 3 semester hours.  Prerequisite: F. 501 or 1 unit of High School French.  Downer and Knickerbocker's French Course.  Lavisse: Histoire de France (Cours Moyen).  Parallel reading 200 to 300 pages of Elementary and Intermediate texts.
F. 51 Mr. Begue or Mr First semester, 4 hours per week. Credit 3 semester hours. Prerequisite: Two units of High School French, or F. 502.
<ul> <li>I—Downer and Knickerbocker's French Composition.</li> <li>2—Study of the French Subjunctive.</li> <li>3—Class Text: L'Avare.</li> <li>4—Conversation: Heath's Pictorial Dictionary.</li> <li>5—Parallel Reading of 300 to 400 pages of standard French Authors.</li> </ul>
F. 52 Mr. Begue or Mr  Second semester, 4 hours per week. Credit 3 semester hours.  Prerequisite: French 51.
<ul> <li>1—Downer and Knickerbocker's French Composition.</li> <li>2—French Literature: From early times through the Seventeenth Century.</li> <li>Special study of selected texts from the Sixteenth and Seventeenth Centuries.</li> </ul>
<ul> <li>3—Conversation: Same book as for F51.</li> <li>4—Parallel reading of 400 pages of standard authors including one from the Seventeenth Century.</li> </ul>
F. 61 Mr. Begue First semester, 3 hours per week. Credit 3 semester hours.  Prerequisite: French 52.
<ul> <li>1—Advanced French Composition.</li> <li>2—Sight Translation from any standard authors.</li> <li>3—French Literature: Special Study of the Seventeenth and Eighteenth</li> </ul>

5-Parallel reading of 400 pages of standard authors, including two from

- Mr. Begue Credit 3 semester hours. Second semester, 3 hours per week. Prerequisite: French 61. I-Advanced French Composition and Sight Translation. 2-Literature: Special Study of the Nineteenth Century. 3-Parallel reading of 500 pages of standard authors, including 100 pages of poetry. 4-Conversation; same book as for F51. **SPANISH** Mr. Begue or Mr. \_\_\_\_ First semester, 4 hours per week. Credit 3 semester hours. Prerequisite: Two units of High School Spanish. I—Spanish Composition and Conversation. (Seneca.) 2-Historia de Espana. (Romera Navarro.) 3-La Mariposa Blanca. (Selgas.) 4-300 pages of parallel reading. Sp. 52 - - - - -Mr. Begue or Mr. \_\_\_\_ Second semester, 4 hours per week. Credit 3 semester hours. Prerequisite: Sp. 51. I-Advanced Grammar and Composition and Conversation. 2-Cervantes: Don Quixote. 3-400 pages of parallel reading. First semester, 3 hours per week. Credit 3 semester hours. Prerequisite: Sp. 52. I-Advanced Composition, Oral Translation and Conversation. 2-Special Study of the Spanish Drama. 3-400 pages of parallel reading. - - - Mr. Begue Second semester, 3 hours per week. Credit 3 semester hours. Prerequisite: Sp. 61. I-Continuation of Sp. 61. 2-Special Study of Spanish Poetry.

3-400 pages of parallel reading.

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